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### University of Ruhuna - Faculty of Medicine Allied Health Sciences Degree Programme B.Sc. Nursing Degree Programme

#### 1st End Semester Examination

NPH 1122- Physiology I SEQ paper Part A

11th August 2017

Duration: Thirty (30) minutes

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Index Number				
1. (Expression)	Monte of Son	AUG 2017	ahuha Anuha	ues (N) was tel 12.1
1.1. What is heart failure?	of Met	AUG 2017		(10 marks)
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· · · · · · · · · · · · · · · · · · ·				
1.2.State three (3) different ty	ypes of classificati	ons of heart failure.		(15 marks)
· · · · · · · · · · · · · · · · · · ·				
1.3.State three (3) signs that	can be observed in	a patient with righ	t heart failure.	(15 marks)
			·····	
	16			

14 Fynigin the	
1.4. Explain the mechanism of development of one of the signs stated	above. (20 marks)
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5. List four (4) causes of	
5.List four (4) causes of secondary hypertension.	(20
	(20 marks)
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List four (1) counts	
List four (4) complications of untreated hypertension.	
	(20 marks)
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Page 2 of 2

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## University of Ruhuna - Faculty of Medicine Allied Health Sciences Degree Programme B.Sc. Nursing Degree Programme

### 1st End Semester Examination

NPH 1122- Physiology I

SEQ paper Part B

11th August 2017

Duration: Thirty (30) minutes

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1.	n de se de la companya de la company La companya de la co		700 M	CHE TRANSPORT
1.1	List four (04) functions of plasma proteins.	+ K' 26' 14' 2	A Alla Lang	(12 marks)
		lean V	1.64	
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•••••				
1.2	List two (2) causes of albumin deficiency.		**************************************	(08 marks)
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	eined eigend interferiors are dangerous, why	arment distribution	C. Althorned of sec	in and the book
1.3	Explain this statement physiologically "Bl	ood is a good	transport mediu	m of oxygen
and o	carbon dioxide in the body."			(30 marks)
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1.4 A patient was admitted to the hospital with multiple injuries following a road traffic accident. The nurse called the doctor and informed that the patient is in shock. CARRELLE VIDE TEMPORER 1.4.1 List four (04) clinical features of this patient that the nurse would expect to support the diagnosis of shock. 1.4.2 Mention one immediate action the nurse would take to save the patient, if the doctor is busy with another patient. 1.4.3 Few hours later doctors decide to give a blood transfusion to this patient. Patient's blood group is A positive. As the A positive blood is not available, doctor asks for O negative blood. Explain physiologically "although unmatched blood transfusions are dangerous, why is it possible to give O negative blood to this patient with A positive blood". (25 marks)

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# University of Ruhuna - Faculty of Medicine Allied Health Sciences Degree Programme B.Sc. Nursing Degree Programme 1st End Semester Examination NPH 1122- Physiology I

SEQ paper Part C

11th August 2017

Duration: Thirty (30) minutes

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1.1.State three (3) functions of saliva with specific compounds	s present in saliva to
perform the above mentioned functions?	(10 Marks)
1.2.State five (5) functions of the stomach.	(10 Marks)
- Contained to the manuscript of the second	
1.3. State a hormone secreted by stomach with two of its functions.	(10 Marks)
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	and the state of t
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functions	three (3) types of gastrointestinal	(20 Marks)
		- Tins traperates &
1.5.Briefly describe	the role of bile salts in gastrointestinal	a residence to the same of the many
1.6.Briefly describe the	he defecation reflex.	(30 Marks)
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